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P56885IN THE CLAIM

Please amend claims 1 and 22 and newly add claims 23 and 24 to read as follow:

1        1. (Currently Amended) A process for quantitating a human DNA in a sample, said  
2        process comprising the steps of:

3                providing a sample to be analyzed;

4                amplifying predetermined genomic DNA containing of an *Alu* element subfamily by  
5        using primers, said *Alu* element subfamily being more enriched in the human genome compared  
6        to than in any non-human primate genome~~primates genomes~~, the amplification being intra-*Alu*  
7        polymerase chain reaction amplification; and

8                measuring the amount of the human DNA by comparing the amplified DNA with a  
9        reference to quantitate the human DNA in the sample.

1        2. (Canceled)

1        3. (Canceled)

1        4. (Canceled)

1        5. (Previously Presented) The process of claim 1, wherein the amplification is a  
2        polymerase chain reaction with the primers containing the following sequences:

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3 5' CGAGGCGGGTGGATCATGAGGT 3' (SEQ ID NO: 3)

4 and

5 5' TCTGTCGCCAGGCCGGACT 3' (SEQ ID NO: 4).

1 6. (Previously Presented) The process of claim 1, wherein the amplification is a  
2 polymerase chain reaction with the primers containing the following sequences:

3 5' GAGATCGAGACCACGGTGAAA 3' (SEQ ID NO: 5)

4 and

5 5' TTTGAGACGGAGTCTCGTT 3' (SEQ ID NO: 6).

1 7. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA on an agarose gel stained with  
3 ethidium bromide.1 8. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA by using a qPCR system.1 9. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA by using *TaqMan* chemistry.

1 Claims 10-20. (Canceled)

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1           21. (Previously Presented) A process for quantitating a human DNA in a sample, said  
2       process comprising the steps of:  
3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA containing an *Alu* element by using primers,  
5       said *Alu* element being present only in the human genome, the amplification being intra-*Alu*  
6       polymerase chain reaction amplification; and  
7           measuring the amount of the human DNA by comparing the amplified DNA with a  
8       reference.

1           22. (Currently Amended) A process for quantitating a human DNA in a sample, said  
2       process comprising the steps of:  
3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA ~~containing a young of an~~ *Alu* element  
5       ~~subfamily~~ by using primers, said predetermined genomic DNA including subfamily-specific  
6       diagnostic mutations, a copy number of said young *Alu* element predetermined genomic DNA in  
7       the human genome being higher than a copy number of said *Alu* element predetermined genomic  
8       DNA in any non-human primate genome, largely absent from non-human primates, the  
9       amplification being intra-*Alu* polymerase chain reaction amplification; and  
10           measuring the amount of the human DNA by comparing the amplified DNA with a  
11       reference.

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1           23. (New) The process of claim 1, wherein each of said primers includes a subfamily-  
2        specific diagnostic mutation.

1           24. (New) The process of claim 21, wherein each of said primers includes a subfamily-  
2        specific diagnostic mutation.